Record Nr. UNINA9910349271403321 Autore Spink John W Titolo Food fraud prevention: introduction, implementation, and management // John W. Spink New York, NY:,: Springer New York,, 2019 Pubbl/distr/stampa **ISBN** 1-4939-9621-5 9781493996216 Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (xlix, 627 pages) : ill Collana Food microbiology and food safety, , 2626-7578 Classificazione 56.24.24 Disciplina 363.1926 Soggetti Microbiology Food—Biotechnology Criminal law Medicine Food Microbiology Food Science

Criminal Law and Criminal Procedure Law

Medicine/Public Health, general

food safety public health food fraud food standard

Lingua di pubblicazione Inglese

**Formato** Materiale a stampa

Livello bibliografico Monografia

Nota di bibliografia Includes bibliographical references and index.

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## Sommario/riassunto

This textbook provides a foundation for the theories and concepts to fully develop, implement, and manage a Food Fraud Prevention Strategy. The scope of focus includes all types of fraud (from adulterant-substances to stolen goods to counterfeits) and all types of products (from ingredients through to finished goods at retail). The root cause analysis is focused to combat the human adversary is based on Criminology Situational Crime Prevention theory. The overall prevention strategy expands fully through the system to the final resource-allocation decision-making based on the COSO principle of Enterprise Risk Management/ ERM. The content includes a detailed review of the Food Fraud Definitions and Scope, Basic Prevention Concepts, a thorough presentation of the Food Fraud Prevention concepts and approach, the application of Business Decision Making and COSO based Enterprise Risk Management ERM. Criminology Foundational Concepts then an Application Review, Supply Chain Management Fundamentals and then Application, a review of The Role of the Public Private Partnership, Standards & Certifications with a focus on the Global Food Safety Initiative (GFSI), International Public and Private Response, Michael Porter theory based Marketing and Competitive Strategy, and finally a thorough review of Risk Analysis Basic Fundamentals and Implementation that includes full vulnerability assessment examples. The overall system is managed within the Food Fraud Prevention Cycle (FFPC) and starts with a pre-filter or Food Fraud Initial Screening (FFIS).